

PRE-BID CONFERENCE MINUTES

Date/Time: June 11, 2019 – 10:00A
Location: Giant Springs Hatchery (Great Falls, MT) – Parking Lot
Project: **Giant Springs Hatchery Pump & Control Project (FWP #7173110)**

Attendees: See attached Sign-in Sheet
Distribution: Attendees, Planholders, and Vendors (also posted to FWP website)

The Pre-Bid Conference was conducted by Project Engineer Alden Beard of BETA, assisted by FWP Project Manager Paul Valle and Hatchery Manager Ryan Derr, beginning at 10:00 AM. The PreBid generally followed the standard FWP Agenda (next page). Valle went through the initial FWP Discussion Points, and Beard introduced FWP representatives present. Valle clarified there is no federal funding so Debarment Certification doesn't apply. Beard added that Certified Payrolls are not required but contractors are bound by State labor requirements, in addition to taking sole responsibility for construction site safety. Beard noted there will be one Addendum to be issued later in the week. Thus far is only addresses an omission on the Electrical One-Line Diagram, and clarifies MCC inter-connect options. He also reviewed the Contract Time and staggered start dates per Special Provision #1.

Beard then led a site tour and functional description of the project, beginning at the Pumphouse. He described the mechanical work and electrical work there, referencing the Drawings. He noted relocation of State Park irrigation pump switchgear (and notice to the Park) to provide room for the new Pumphouse PLC; the type of new flowmeter for the Rearing Pumps and pump fit-up to existing piping and bases; and swapping Raceway Pump #1 and #4 motors. Beard explained the 3-section (new) MCC replacement/connection, and generator transfer switch testing and load-step requirements using services of Tractor and Equipment Co. He advised bidders to pay attention new Rearing Pump bowl OD limits to fit existing slab openings. He also explained the new (two) PLC control system, and noted "or equals" apply on all equipment specified.

The group next toured the float switch and alarm panel locations at the Outdoor Raceways for the river-flooding alarm, then went to the Rearing Building. There Beard showed the existing control panel to be replaced with the new Remote PLC, along with existing 2" conduit coming from the Pumphouse. He explained the two new 24 vdc hard-wired alarm connections from the Park's Sewage Lift Station, and the specified alarm dialer requirements to accommodate both Ethernet and hard-wired alarms. Hatchery staff opened the attic access stairway, and Beard described access and I/C cable routing through the truss space (from the new Level Transmitter for the packed column aerator receiving sump). The tour moved to the receiving sump Level Transmitter location, with Beard explaining plumbing requirements and I/C cable routing up through an existing radon vent ceiling penetration to reach the truss space.

The walk-through concluded west of the Rearing Building adjacent the packed column aerator, where Beard reviewed the limited records on Plan Sheet 4 for the locations of the two existing 6" asbestos-cement lines (from the Cistern) to be cut and capped. He stressed the need for exploratory excavation.

Questions and comments were asked of the attendees during the walk-through, and only a few were raised. An erroneous note on Plan Sheet 7 was pointed out referring to a "New Wall Pack," which Beard explained does not apply since Hatchery staff has already installed that fixture and noted there is no lighting on the project. It was asked if 1 5/8" *UniStrut* can be used instead of 2" strut shown on the

Drawings, which Beard said is acceptable. He said both the preceding questions will be addressed in the forthcoming Addendum. Two attendees asked for contact information for the *Siemens* representative who BETA worked with during MCC and PLC design, which Beard said will be provided in the PreBid minutes [Joe Estinson, Industrial Automation Specialist, WESCO Distribution Inc, 2025 East Trent Ave, Spokane, WA 99202, ph 509/456-7501, JEstinson@wescodist.com].

The walking tour adjourned at noon.

Points to Discuss

PROJECT NAME: Giant Springs Hatchery Pump & Control Project

PROJECT NUMBER: 7173110

1. **Bid Opening: Date:** June 20, 2019 **Location:** Design and Construction Conference Room
2. **Mail bid to:** _____
3. **Contractor Registration (Projects >\$2,500)**
 - a. Where to apply - Department of Labor and Industry
 - b. Not required to bid **BUT** must have to make contract with Department
4. **Bid bond - 10% of total bid (Projects ≥\$25,000)**
 - a. Not a personal check
5. **Performance Bond, Labor and Materials Bond - 100% of bid. (Projects ≥\$50,000)**
6. **Insurance - type of limits and coverage (All Projects!!!)**
 - a. \$1,000,000/ occurrence; \$2,000,000 aggregate
 - b. Must cover vehicles used by company
 - c. State of Montana and the Engineer both **MUST** be identified as **ADDITIONAL INSURED's**
7. **Review proposal items**
 - a. Base Bid
 - b. Alternates
 - c. Method of award - Lowest Bidder
8. **Fish, Wildlife and Parks supplied materials**
 - a. Permits
 - b. Supplies and/or Materials
9. **Project Schedule**
 - a. Duration of Project: 90 calendar days
 - b. Proposed Start: Aug. 1st for work interrupting Rearing Bldg. flow; Sept. 20th for work interrupting Outdoor Raceway flow
 - c. Extensions
10. **Addendums**
11. **Change Orders**
12. **Payment**
 - a. Frequency (30 Days Typical)
 - b. Withholding (5% until contract is finalized and closed out)
 - c. Final (Upon completion of **all** Punch List Items and Contract Close Out Paperwork)
13. **Drawings**
 - a. As-Builts (considered as part of Contract Close Out Documents)
14. **Walk Site**
 - a. Staking (Responsibilities of Owner & Contractor)
 - b. Construction limits
 - b. Environment (Permit Constraints and Requirements, BMDs, equipment cleaning)
 - c. ADA (Go over Slopes [Both cross and Running] and **Stress** Importance)

15. **Supervision**
 - a. Contractor will qualify supervisor on-site during construction.
16. **Federal Debarment Form**
 - a. If project is funded by any portion of federal funds, a "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion." Form **must** be submitted **with** the Proposal. (Debarment Form, if applicable, is located after the Proposal in the bid documents.)

[Please advise of any omission or corrections to the foregoing.]

Attachment: Sign-in Sheet



prepared by: Alden Beard, P.E.
(beta97@blackfoot.net or 406/492-6590)
June 12, 2019



PreBid Conference
Giant Springs Hatchery Pump & Control Project (FWP #7173110)
 10:00 AM, Tues. June 11, 2019 – Giant Springs Hatchery, Great Falls, MT

Sign-in Sheet

Name	Company	Mailing Address	Phone No.
Alden Beard, P.E. (Engr.)	BETA	Box 85, Elliston, MT 59728	406/492-6590
SCOTT UNRUH	RPH IRRIGATION	Box 1201, CHOTEAU, MT 59422	406/466-2242
Ronald Lockner	CASCADE Electric Co	903 10th Ave North G.F. 59401	406 453 3285
DEDE BROWN	KRONEBUSCH ELECTRIC	120 N Front St CONRAD electric@3rivers.net	406-278-7505
TEO KRONEBUSCH	"		
Herman Pulliam	Enterprise Electric	Po Box 2172 GF 59403	761-3830
Lee Van De Berg	Lisectr Electric	99 Gibson Park Rd. GF, MT 59405	761-6388
Wayne Yeatts	"		77
Tony Mills	United Electric	2127 Vaughn Rd	799-4277
Alison Carrell	LOENBERG PHE	1900 32nd Ave NE Black Eagle 59414	7994594
Paul Boland	Boland Well Systems	3605 Fairway Dr GF MT 59401	452-2888
Jon Kronebusch	Swank Enterprises	P.O. Box 568 Valier MT	279-3241
Wayne Anderson	A.T. Klemens	814 12th St. N Great Falls, MT 59401	406 452 9541
Marty Logan	MJD Contracting LLC	12 Ponderosa Rd - Clancy, MT 59634	406-461-2342
Dan Otis	A.T. Klemens	814 12th St No Great Falls, MT 59401	406-452-9541
Troy Brant	Eagle Electric	1102 Enterprise Dr. Helena MT 59601	406-442-8685
John Miller	Frontier Electric		406-262-3209
Jaron Rogers	Frontier Electric		406 781 9144
Robert Levandowski	Frontier Electric	51 Lost trail, Clancy MT 59634	406 431 3368

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